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Congress of the United States
House of Representatives
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FINANCIAL INSTITUTIONS

NATIONAL SECURITY, INTERNATIONAL
DEVELOPMENT, AND MONETARY POLICY

DIVERSITY AND INCLUSION

April 29, 2021

The Honorable Rosa DeLauro
Chair
Committee on Appropriations
H-307 The Capitol
Washington, D.C. 20515

The Honorable Kay Granger
Ranking Member
Committee on Appropriations
1036 Longworth HOB
Washington, D.C. 20515

Dear Chair DeLauro and Ranking Member Granger:

I am requesting funding for the Rapid Assured Fully Transparent Integrated Circuit Platform project in fiscal year 2022.

The entity to receive funding for this project is Oklahoma State University (OSU), located at 203 Whitehurst, Stillwater, Oklahoma 74078.

The funding would help OSU develop a fully automated design capability by adapting, testing, and productizing open source and commercial components into a streamlined Rapid Assured Fully Transparent (RAFT) Integrated Circuit (IC) Physical Design platform. The objective of this project is to enable research in digital, analog/RF, and memory IC designs by creating new algorithms, architectures, as well as system and circuit techniques for applications such as multimedia processing, communications, computer vision, machine learning, Internet of Things, web search, and many others. OSU will create a platform that coordinates with other research institutions to help spur and lead in IC design with eventual applications in computer hardware, wireless communications, avionics (manned and unmanned).

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,



Frank D. Lucas

Member of Congress

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